



Weather Briefing for Coastal Storm

Saturday into Sunday, 12/14-15/2013

Prepared

500 PM EST Friday, December 13, 2013

National Weather Service New York, NY



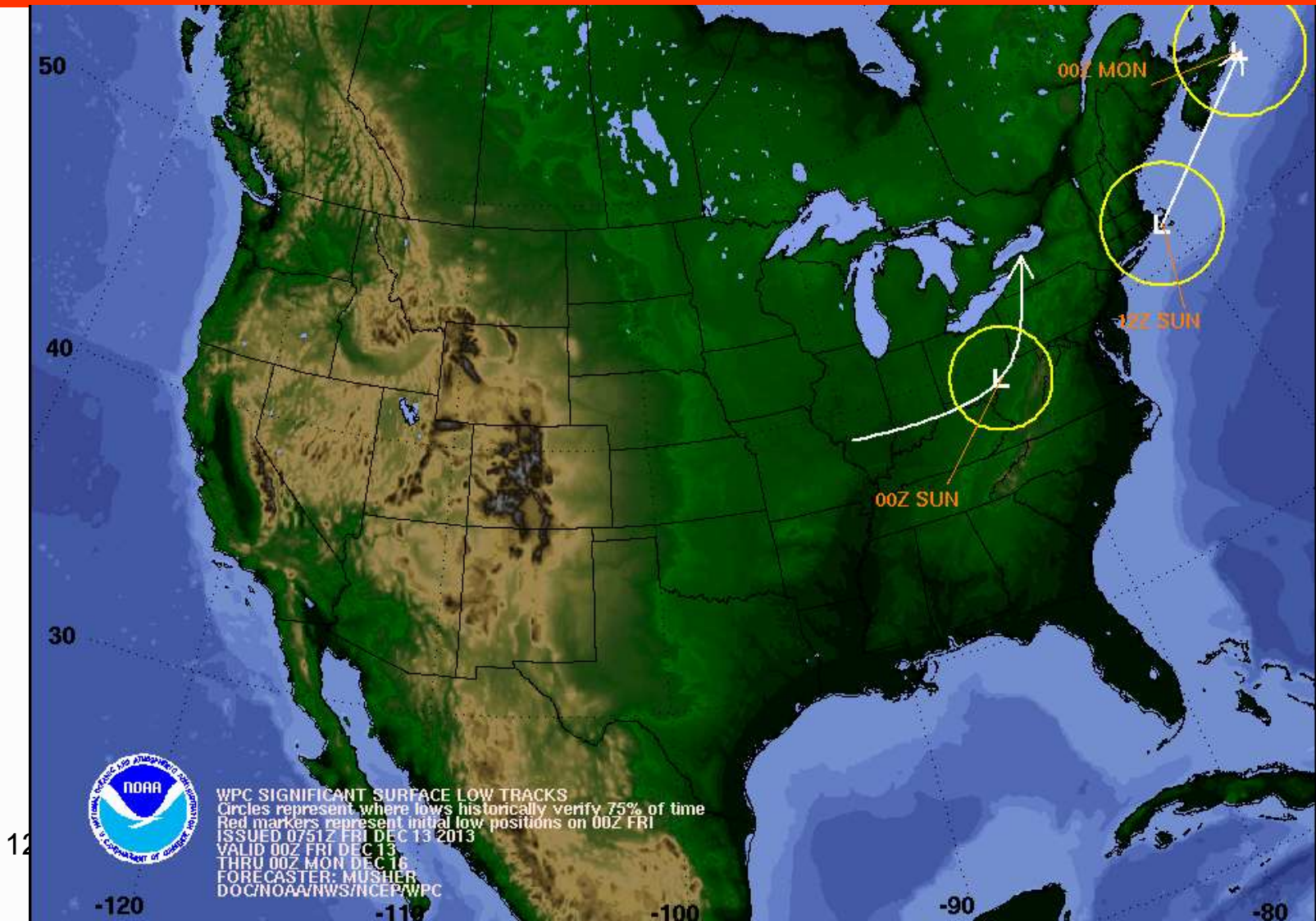
Synopsis



- Low pressure over the Ohio Valley on Saturday morning will redevelop along the Mid Atlantic coast by Saturday Evening, and then intensify as it moves northeast, passing southeast of Long Island Sunday Morning
- Expect accumulating snow into Saturday evening, transitioning to Sleet and Freezing Rain and Rain mainly late Saturday Evening/Night, with precipitation ending by early Sunday morning.
- Uncertainty mainly lies in timing of transition, and therefore exact snow and ice amounts
- Minor wind and coastal impacts expected.

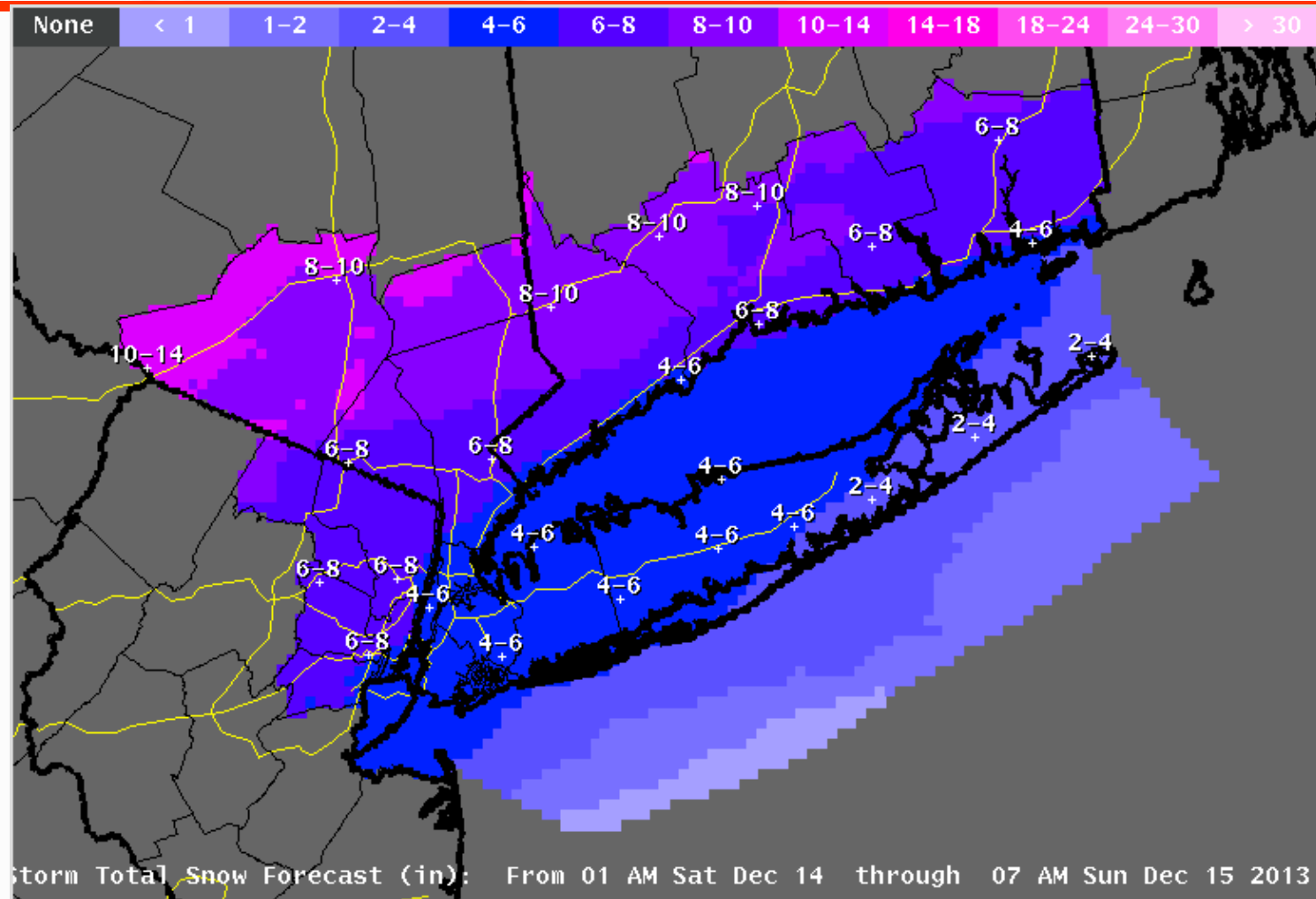


Weather Map



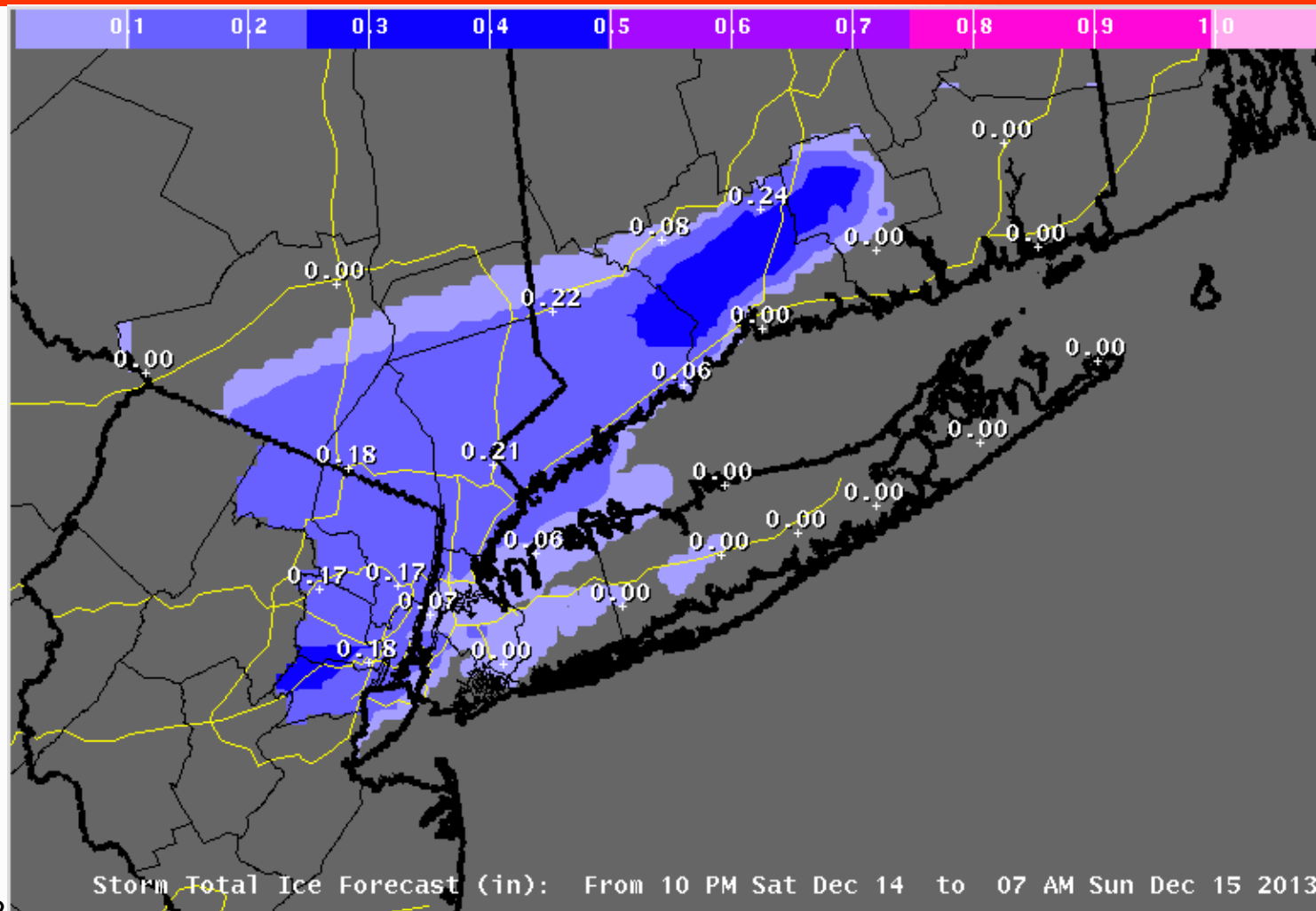


Latest Snow Forecast





Latest Ice Forecast





Hazards and Potential Impacts



Long Island and Coastal Southeast Connecticut

- Hazards (**Winter Weather Advisory in effect for Saturday and Saturday night**)
 - Snow will begin Saturday morning...temps in lower and mid 20s
 - **4 to 6 inches of snow west and north, 2 to 5 inches east.**
 - Snow will change to rain Saturday Evening
 - **A few hundredths of an inch of ice** possible in western Long Island and Southeast Connecticut with a brief transition to freezing rain.
 - **Worst case (30% probability) for**
 - **Up to one tenth of an inch of ice N&W if transition earlier.**
 - Rain will end early Sunday morning
- Potential Impacts
 - Snow covered roads late Saturday morning into the evening
 - Visibilities occasionally as low as ½ mile on Saturday evening before the transition to rain
 - **Icy roads across western Long Island and Southeast Connecticut late Saturday evening**



Hazards and Potential Impacts



New York City

- Hazards (**Winter Weather Advisory in effect for Saturday and Saturday night**)
 - Snow will start Saturday morning...temps in the mid 20s
 - **3 to 6 inches of snow...highest north and west**
 - Snow will change to freezing rain Saturday Evening...then rain after midnight
 - **Up to a tenth of an inch of ice**
 - **Worst case (30% probability) for**
 - **Up to 7 inches of snow N&W if the transition is delayed**
 - **Up to ¼ inch of ice N&W if transition earlier**
 - Rain will end early Sun morning.
- Potential Impacts
 - Snow covered roads Saturday morning into the evening
 - Visibilities occasionally as low as ½ mile Saturday evening before the transition to rain



Hazards and Potential Impacts



New Jersey Metro...Southern portions of the Lower Hudson Valley...Coastal SW Conn...Interior SE Conn.

- **Hazards (Winter Storm Warning in effect for Saturday and Saturday night)**
 - Snow will start Saturday morning...temps Lower 20s
 - 5 to 8 inches of snow
 - Snowfall rates up to 1 inch per hour Saturday Evening
 - Snow will transition to sleet and freezing rain late Saturday Evening
 - Up to 1/4 of an inch of Ice
 - Worst case (30% probability) for
 - Up to 1/2 inch of ice if transition earlier
 - Precipitation may briefly change to rain before ending early Sun morning.
- **Potential Impacts**
 - Snow covered roads
 - Visibilities occasionally as low as 1/2 mile Saturday evening
 - Icy roads beginning late Saturday evening



Hazards and Potential Impacts



Interior portions of Northeast New Jersey...the Lower Hudson Valley...interior Southwest Connecticut

- Hazards (**Winter Storm Warning in effect for Saturday and Saturday night**)
 - Snow will start on Saturday morning...temps in the teens
 - **6 to 10 inches of snow**
 - **Snowfall rates up to 1 inch per hour Saturday Eve/Night**
 - Snow may mix with sleet and freezing rain late Saturday night
 - **Up to 1/4 of an inch of ice**
 - **Worst case (30% probability) for**
 - **Up to a foot of snow if no transition**
 - **Up to 1/2 of an of an inch of ice if transition to freezing rain occurs earlier**
 - Precipitation will end early Sunday morning
- Potential Impacts
 - Snow covered roads late Saturday morning into Saturday Night
 - Visibilities occasionally as low as ½ mile late Sat aft into Sat night
 - Icy roads late Saturday night



Forecast Uncertainties



- Location and timing of heavier snow banding late Saturday afternoon into Saturday Evening/Night
 - 1 inch per hour snowfall rates and $\frac{1}{2}$ mile or less visibilities are possible in heavier snow bands. Can only forecast location and timing of snow banding a few hours in advance.
- Exact timing of transition from snow to wintry mix Saturday Evening/Night
 - Earlier transition will mean more ice...later transition more snow



Additional Hazard and Impact Information



- For hourly weather information...click below
- <http://forecast.weather.gov/gridpoint.php?site=okx&TypeDefault=graphical>
- For probabilistic snow and freezing rain information...click below :
- http://www.wpc.ncep.noaa.gov/pwpc/wwd_accum_probs.php?ftype=probabilities&fpd=24&ptype=snow
- For information on possible winter weather impacts...click below:
- <http://www.hpc.ncep.noaa.gov/wwd/impactgraphics/>

Stay Tuned

- Maintain Your Situational Awareness
- Winter Storm Warnings and Winter Weather Advisories have been issued for the entire area for Saturday into Saturday Night

Questions?

- Get the latest information at:
 - www.weather.gov/nyc
 - Area Forecast Discussion
 - Hazardous Weather Outlook
- Facebook/Twitter



**National Weather Service
New York, NY**